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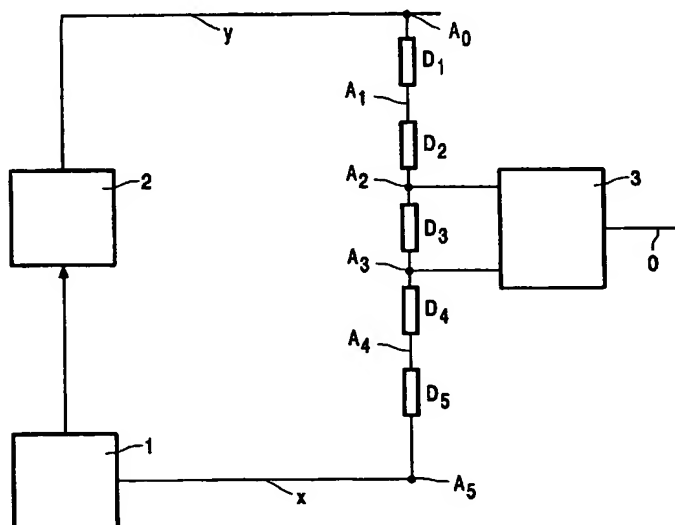
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- (54) Title: PULSE GENERATOR
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(57) Abstract: A pulse generator comprising a series coupling of delay elements (D1, D2, D3, D4, D5) every two consecutive delay elements (D1, D2, D3, D4, D5) being coupled at a plurality of coupling points (A1, A2, A3, A4), the series coupling of delay elements (D1, D2, D3, D4, D5) having a first end (A0) and a second end (A5) coupled to a first signal (y) and a second signal (x), respectively, the first and second signals (x, y) having a same frequency and being mutually phase-shifted, the pulse generator being characterized in that it further comprises a zero-crossing detector (3) coupled to two mutually different coupling points (A2, A3) for generating an output pulse (O) having a duration determined by a ratio between a number of delay elements between the two different coupling points and a total delay of the series coupling of delay elements.

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